

Studio Case – VSi Upgrade Chart



**Virtual
Guitarist**
ELECTRIC EDITION



Groove Agent
YOUR VIRTUAL DRUMMER



The Grand



D'cota
Multiple Synthesis VST Instrument



The VST-Sampler
HALION
2.0



versus





Virtual Guitarist "Electric Edition" SE is based on Virtual Guitarist "Electric Edition". By upgrading, you extend Virtual Guitarist "Electric Edition" by these great features:

- 24 additional players, 4 more variations per player for a larger repertoire and more versatility
- A drastically extended chord set consisting of up to 15 chords
- Extended real-time control over characteristics such as Timing or Fills
- Extended sound control options such as Stereo Width, Pickup, Fret Noises
- A built-in effect board with no less than 8 professional stomp box effects with stunning 3D look and feel, fantastic sound quality and extensive real-time control options. The effect board is also supplied as a separate VST plug-in for use with other audio tracks or instruments.

Tip: Also make sure to check out "Virtual Guitarist" – the product that started it all. Virtual Guitarist gives you 14 acoustic and 13 basic electric styles, and it's a perfect complement to Virtual Guitarist "Electric Edition", especially if acoustic guitars are an integral part of your music!

Feature Comparison Chart

Feature	Virtual Guitarist SE	Virtual Guitarist "Electric Edition"
		
Players	6	29
Variations (Parts) per player	4	8
Chord set	Eco (5 chords)	XXL (15 chords)
Playing controls	Basic	Extended options such Timing (tight/loose), Dynamics, Vibrato, Fill-in
Sound controls	—	Extended options such as Stereo Width, Pickup Position, Presence, Noise Reduction, Fret Noise
Effects	—	Built-in effect board with Wah pedal, Autofilter, Delay, Reverb, Tremolo, Phaser, Flanger, Chorus/Pitch Shifter. Separate plug-in version supplied for use with other instruments/audio tracks

Groove Agent SE

YOUR VIRTUAL DRUMMER

versus

Groove Agent

YOUR VIRTUAL DRUMMER

Upgrading from Groove Agent SE to Groove Agent is like sending your virtual drummer to drum classes for years, buying him a bigger drum kit and putting him into a professional studio. On top of the great features Groove Agent SE has to offer, Groove Agent features

- Almost 5 times as many styles (54)
- 25 different complexity levels for each style
- individual control over playing aspects such as shuffling, humanization
- individual selection of drum sounds
- 4 Stereo Outputs for professional mixing options
- MIDI part export: export what Groove Agent plays to MIDI tracks and tweak them in your sequencer's drum editor

Feature Comparison Chart


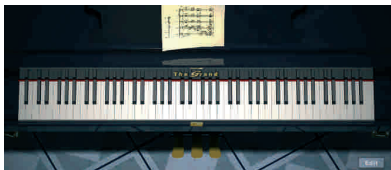
Feature	Groove Agent SE	Groove Agent
		
Number of styles	11	54
Number of complexity levels	13	25
Shuffle, Humanize, Limiter	no	yes
Total number of sound groups	53	156
Individual Audition, Velocity, Tune, Decay, Ambience knobs	no	yes
Number of outputs	1 x stereo	4 x stereo
MIDI part export	no	yes
Snapshot Memories	none	10

The *Grand* SE versus The *Grand*

By upgrading from The Grand SE you get ...

- An absolutely realistic, authentic sound that even skilled piano players can not tell from a real piano
- perfect from modern music to solo parts in classical music
- 2 GB of unlooped, multi-layer sample material covering every nuance of the acoustic piano sound
- Unrivalled authenticity and playing feel adapting to your playing: Individual velocity curve, true sustain resonance (reverberation of undampened strings depending on pedal action), true string release (authentic note-off), true hammer release (hammer noise)
- Prepared for even the most demanding piano pieces with a maximum polyphony of 64 notes (depending on computer hardware)

Feature Comparison Chart

		
Sound quality	Professional digital piano	First class acoustic concert grand piano
Technology	RAM-based sample playback	2 GB piano model (lossless compression reduces disk and system demand by 40%), hard disk streaming sample playback combined with acoustic modeling technologies for superior emulation of the acoustic grand piano
Technical quality	1 layer, 24 bit, looped samples	Multi-layer, 24 bit, full length notes (up to 1 min per note)
Authenticity options	-	True sustain resonance, true string release, true hammer release
Editing options	4 preset characters	4 preset characters, individual velocity curve, room ambience
Maximum number of notes	16	64

The VST-Sampler

HALion SE

versus



The VST-Sampler

**HALion
2.0**

With upgrading to HALion 2.0, you unleash the full potential of a professional software sampler. HALion 2.0 gives you everything you're used to from HALion SE, plus:

- More editing freedom – you have access to every sound and sample parameter. In HALion 2.0, you can tweak existing sampler sounds without limit or build your own ones. 32-stage envelopes, 2 LFOs, modulation matrix, Megatrigger and other features help you in creating truly outstanding sounds
- Extended multitimbral power – in HALion 2.0 you can play 16 parts in one instance of HALion, choosing from up to 128 programs at a time. This allows you to manage a whole song arrangement within one HALion instance
- Large-scale sampler format support: In HALion 2.0, you can use professional sampler libraries from literally all worlds: There's hardly any sound on earth that hasn't been made available in E-mu, Akai, Roland, Giga and EXS-24 format. HALion 2.0 gives you access to virtually any professional sampler library available
- Surround capability: HALion 2.0 is the first sampler to support 5.1 surround audio. Use it for playback of breathtaking 5.1 SFX in movie post production or enjoy luscious, wide pads for DVD music – HALion 2.0 takes sampling to the next level.

Feature Comparison Chart

Feature	HALion SE	HALion
		
Outputs	1 Stereo	4 Stereo, 4 Mono, 5.1 Surround
MIDI Channels	4	16
Maximum number of programs in RAM	32	128
Editing options	Easy Edit page for basic parameters	Full graphic editing functionality for all aspects of programs and samples
Sampler formats	WAV-, AIF-, SF2-, REX, LM4, LM4 MkII-Import,	additionally: E-MU-, AKAI, Roland, GIGA, EXS24, ISO Disc Image and SD II (Mac only)

D'cota SE

Multiple Synthesis VST Instrument

versus

D'cota


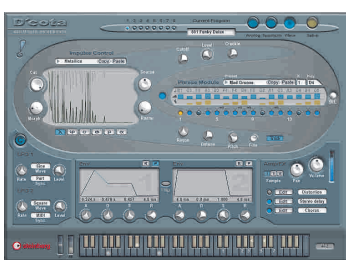
Multiple Synthesis VST Instrument

D'cota is the fully-featured version of D'cota SE. Actually, it's four D'cota SE multiplied by three synthesis models and a drastically extended effect section.

By upgrading to D'cota SE you get:

- Two new synthesis models (Spectrum synthesis and Wave Impulse) and 51 new waveforms literally exploding the sonic range of your synthesizer
- Full editing capabilities for all sound parameters – all the options even a top sound designer could dream of
- 4-part multitimbrality, a total of 128 voices plus 3 more stereo outputs – this power up allows you to stack up to four sounds within one D'cota or have D'cota replace 4 separate first rate hardware synthesizers

Feature Comparison Chart

Feature	D'cota SE	D'cota
		
Synthesis Methods	Analog only	Analog, Spectrum, Wave Impulse
Analog Sound Modules	Essential: 2 Osc's (13 Waveforms), 3 filter types, 2 Envelopes	Extended: 3 Osc's (64 waveforms), 8 filter types, 4 envelopes
Random Sound Creation	—	Intelligent Random Mode
Multitimbral	—	8 parts
Outputs	1 Stereo	4 Stereo
Voices	16	128
Effect types	3 (Distortion, Stereo Delay, Phaser)	10 (4x Distortion, 3x Delays, 3x Modulation)
MIDI Learn	—	Controllers freely assignable by the push of a button
Envelopes	2	4
OSC	2	3
Waveforms	13	64
Filter types	3 (24dB LP, 12dB LP, 24dBHP)	8